

AIRBORNE EFFLUENTS

RHIC PROJECT

I. IDENTIFICATION OF AIRBORNE EFFLUENTS

- A. The ES&H Coordinator shall identify all airborne effluent sources, including fugitive emissions, from Project facilities. Building diagrams identifying permitted release points, stacks, vents, and other sources are recommended.

Airborne Effluent Sources

Bldg. 197	Epoxy Coating	NYSDEC Permit 472200-3491-19708
Bldg. 902	Spray Booth Exhaust	NYSDEC Permit 472200-3491-90201
Bldg. 902	Machine Shop Exhaust	NYSDEC Permit 472200-3491-90202
Bldg. 902	Machine Shop Exhaust	NYSDEC Permit 472200-3491-90203
Bldg. 902	Painting and Soldering Hood	NYSDEC Permit 472200-3491-90204
Bldg. 902	Painting and Soldering Hood	NYSDEC Permit 472200-3491-90205
Bldg. 903	Machine Shop Cyclone	NYSDEC Permit 472200-3491-90302
Bldg. 903	Machine Shop Brazing Hood	NYSDEC Permit 472200-3491-90303
Bldg. 905	Laminations Sander	NYSDEC Permit 472200-3491-90502
Bldg. 905	Central Building Vac.	NYSDEC Permit 472200-3491-90503
Bldg. 924	Spray Booth Exhaust	NYSDEC Permit 472200-3491-92401
Bldg. 924	Coil Press	NYSDEC Permit 472200-3491-92402
Bldg. 924	Central Building Vac.	NYSDEC Permit 472200-3491-92403

II. PERMITS AND EFFLUENT MODIFICATIONS

- A. The ES&H Coordinator, in conjunction with the Environmental Services Division (ESD), shall evaluate the need for air permits for Project facilities.
- B. The ES&H Coordinator shall maintain copies of air permits provided by the S&EP Division for all Project permitted releases.
- C. The Project shall operate within all applicable permit conditions.
- D. The ES&H Coordinator shall notify ESD of all additions to or deletion of airborne effluents, modifications, new sources, new facilities, or changes in permitted conditions during the early planning stage of changes to operations. New sources and modifications of airborne effluents shall be evaluated by the ESD for permitting requirements in accordance with state and federal regulations.

III. EVALUATION, MONITORING, AND TREATMENT

- A. The ES&H Coordinator, in conjunction with the ESD, shall evaluate the adequacy of existing monitoring, controls, and Best Management Practices (BMP) for Project airborne effluent streams.
- B. The ES&H Coordinator, in conjunction with the ESD, shall determine which airborne effluents require monitoring. Written operating procedures shall be prepared for these monitoring systems where applicable.
- C. The ES&H Coordinator, in conjunction with the ESD, shall determine which airborne effluents require controls. Each control device shall have written operating procedures.
- D. The ES&H Coordinator shall review monitoring data monthly to ensure that airborne effluent discharges are maintained as low as reasonably achievable (ALARA) and in compliance with permit conditions.
- E. The Project shall correct airborne effluent problems promptly, document the problem and corrective actions taken.
- F. The ES&H Coordinator shall maintain Project data in accordance with Quality Assurance Guidelines.

IV. REPORTING

- A. All Project personnel shall immediately notify their line Supervisors and the ES&H Coordinator to report all permit violations and unusual conditions involving potential deleterious releases in accordance with OPM 5.1.1.0.
- B. The Project shall maintain records of pollutants released through permitted emissions controlled by the Project and monitoring data collected under III. B.

APPROVED _____
Satoshi Ozaki
RHIC Project Director

7/30/99
DATE _____